AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing Of Claims:

1 – 12 (Withdrawn)

13. (Currently Amended) A method for ~~treating cancer~~ improving biodistribution of a chemotherapeutic agent in a body, comprising:

Obtaining an admixture of $(((1, 4)$- linked β-D-mannopyranose$)_{17}$ - ((1, 6)-linked-β-D-galactopyranose$)_{10})_{12}$) and ~~a~~ the chemotherapeutic agent in a pharmaceutically acceptable carrier; and

~~increasing the efficacy of a cancer treatment by~~ administering to the body an effective amount of the admixture so as to improve biodistribution of the chemotherapeutic agent in the body.

14. (Currently Amended) The method of claim 13, wherein said chemotherapeutic agent is selected from the group consisting of fluoropyramidines ("5-FU"), 5-fluorodeoxyuridine ("5-FUdR"), methotrexate, ara-C, 6-mercaptopurine, 6-thioguanine, hydroxyurea, vinblastine, vincristine, vindesine, mechlorethamine, phenylalanine mustard, chlorambucil, ethylenimines, methyl melamines, alkylsulfonates, carmustine, lomustine, streptozocin, cisplatin, dacarbazine, procarbazine, doxorubicin, dactinomycin, mitomycin C, plycamycin, cyclophosphamide, melphalan, thiotepa, busulfan, prednisone, prednisolone, triamcinolone, paclitaxel, and combinations thereof.

15. (Currently Amended) The method of claim 13, wherein said chemotherapeutic agent is selected from the group consisting of fluoropyramidines ("5-FU"), 5-fluorodeoxyuridine ("5-FUdR"), cisplatin, and combinations thereof.

16. (Canceled) The method of claim 13, wherein said chemotherapeutic agent is a fluoropyramidine ("5-FU").

17. (Currently Amended) The method of claim 13 further comprising leucovorin.

18. (Canceled) The method of claim 13, wherein said cancer is selected from the group consisting of chronic leukemia, breast cancer, sarcoma, ovarian carcinoma, rectal cancer, throat cancer, melanoma, colon cancer, bladder cancer, lung cancer, mammary adenocarcinoma, gastrointestinal cancer, stomach cancer, prostate cancer, pancreatic cancer, and Kaposi's sarcoma.

19. (Currently Amended) The method of claim 13, wherein said admixture has an amount of said $(((1, 4)$- linked β-D-mannopyranose$)_{17}$ - $((1, 6)$-linked-β-D-galactopyranose$)_{10})_{12}$) and an amount of said chemotherapeutic agent in a ratio ~~suitable for reducing toxicity experienced by said subject~~ between about 10:1 to 1:10

20. (Currently Amended) The method of claim 13, wherein said admixture has an amount of said $(((1, 4)$- linked β-D-mannopyranose$)_{17}$ - $((1, 6)$-linked-β-D-galactopyranose$)_{10})_{12}$) and an amount of said chemotherapeutic agent in a ratio ~~suitable for enhancing the therapeutic efficacy of said chemotherapeutic agent.~~between about 6:1 to 1:3.

21. (Canceled) The method of claim 13, wherein said admixture has an amount of said $(((1, 4)$- linked β-D-mannopyranose$)_{17}$ - $((1, 6)$-linked-β-D- galactopyranose$)_{10})_{12}$) and an

amount of said chemotherapeutic agent in a ratio suitable for reducing toxicity experienced by said subject and enhancing the efficacy of said chemotherapeutic agent.

22. (Currently Amended) ~~The method of claim 13, wherein said admixture has an amount of said (((1, 4)- linked β-D-mannopyranose)$_{17}$ - ((1, 6)-linked-β-D-galactopyranose)$_{10}$)$_{12}$)~~ A method for improving the biodistribution of a chemotherapeutic agent in a body, comprising:

~~And~~ Obtaining an admixture of (((1, 4)- linked β-D-mannopyranose)$_{17}$ - ((1, 6)-linked-β-D- galactopyranose)$_{10}$)$_{12}$), the chemotherapeutic agent and a proteinous chemotherapeutic; and

Administering to the body an effective amount of the admixture so as to improve the biodistribution of the proteinous chemotherapeutic in the body. ~~and chemotherapeutic agent. in a ratio suitable for reducing toxicity in said subject.~~

23. (Currently Amended) The method of treatment of claim ~~13~~22, wherein said ~~admixture has an amount of said~~ proteinous chemotherapeutic is a cytokine. ~~(((1, 4)- linked β-D-mannopyranose)$_{17}$ - ((1, 6)-linked-β-D- galactopyranose)$_{10}$)$_{12}$) and an amount and said chemotherapeutic agent in a ratio suitable for reducing toxicity experienced by said subject.~~

24. (Currently Amended) The method of treatment of claim ~~13~~22, wherein said proteinous chemotherapeutic agent is selected from the group consisting of interleukin-2 ("IL-2"), interleukin-12 ("IL-12"), or α-interferon or both. ~~admixture has an amount of said (((1, 4)-linked β-D-mannopyranose)$_{17}$ - ((1, 6)-linked-β-D- galactopyranose)$_{10}$)$_{12}$) and an amount of cytokine and said chemotherapeutic agent in a ratio suitable for enhancing the efficacy of said chemotherapeutic agent~~

25. (Currently Amended) The method of treatment of claim ~~13~~22, wherein said chemotherapeutic agent is selected from the group consisting of fluoropyramidines ("5-FU"), 5-fluorodeoxyuridine ("5-FUdR"), methotrexate, ara-C, 6-mercaptopurine, 6-thioguanine, hydroxyurea, vinblastine, vincristine, vindesine, mechlorethamine, phenylalanine mustard, chlorambucil, ethylenimines, methyl melamines, alkylsulfonates, carmustine, lomustine, streptozocin, cisplatin, dacarbazine, procarbazine, doxorubicin, dactinomycin, mitomycin C, plycamycin, cyclophosphamide, melphalan, thiotepa, busulfan, prednisone, prednisolone, triamcinolone, paclitaxel, and combinations thereof.

26. (New) The method of treatment of claim 22, wherein said chemotherapeutic agent is selected from the group consisting of fluoropyramidines ("5-FU"), 5-fluorodeoxyuridine ("5-FUdR"), cisplatin, and combinations thereof.

27. (New) The method of treatment of claim 22, wherein said chemotherapeutic agent is a fluoropyramidine ("5-FU").

28. (New) The method of treatment of claim 22, further comprising leucovorin.

29. (New) A method for improving the biodistribution of a proteinous chemotherapeutic in a body, comprising:

Obtaining an admixture of a proteinous chemotherapeutic and $(((1, 4)$- linked β-D-mannopyranose$)_{17}$ - $((1, 6)$-linked-β-D- galactopyranose$)_{10})_{12}$ in a pharmaceutically acceptable carrier; and

administering to the body an effective amount of the admixture so as to improve the biodistribution of the proteinous chemotherapeutic in the body.

30. (New) The method of claim 29 where said proteinous chemotherapeutic is selected from the group consisting of cytokine, chemokine, interleukin-2 ("IL-2"), interleukin-12 ("IL-12"), α-interferon, immune system messengers or both.